

EAST Search History

R.L.

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S1 | 291 | (koide near3 naotaka) (kato near3 yoshifumi) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:05 |
| S2 | 45106 | (organic near4 (LED (light near3 emit\$4 near3 diode) electro\$1lumin\$7)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:54 |
| S3 | 65 | S1 & S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:08 |
| S4 | 43631 | ((two three) near4 (phosphor\$7 fluores\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 15:19 |
| S5 | 3 | S1 & S2 & S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:10 |
| S6 | 47105 | ((two three pair) near4 (phosphor\$7 fluores\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:25 |
| S7 | 25093 | (current with (PWM pulse near3 width near3 modulat\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:33 |
| S8 | 187 | S6 & S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:29 |
| S9 | 190223 | (differen\$2 near4 color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:26 |
| S10 | 9 | (S6 same S9) & S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:28 |
| S11 | 2 | (S6 same S9) & S7 & S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:28 |

EAST Search History

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| S12 | 16 | S6 & S7 & S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:30 |
| S13 | 1047 | (current with (PWM pulse near3 width near3 modulat\$3) with amplitude) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:57 |
| S14 | 5 | S2 same S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:54 |
| S15 | 34 | (S2 & S13) not S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:47 |
| S16 | 54162 | (organic near4 (LED (light near3 emit\$4 near3 diode) electro\$1lumin\$7 EL)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:54 |
| S17 | 1 | (S13 same S16) not S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:55 |
| S18 | 44 | (S13 & S16) not S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:57 |
| S19 | 56 | (current with (PWM pulse near3 width near3 modulat\$3) with (constant near4 amplitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:58 |
| S20 | 1 | (S16 & S19) not S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:58 |
| S21 | 115 | (current with (PWM pulse near3 width near3 modulat\$3) same (constant near4 amplitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 13:58 |
| S22 | 5 | (S16 & S21) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 14:48 |
| S23 | 183 | ((two pair second) near4 electrode\$1) same ((EL electro\$1lumin\$7) near4 layer\$1) same ((two three second pair) near4 (phosphor\$7 fluores\$5))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 15:15 |

EAST Search History

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| S24 | 30309 | ((red with green with (phosphor\$7 fluores\$5)) (red with blue with (phosphor\$7 fluores\$5)) (blue with green with (phosphor\$7 fluores\$5))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 15:03 |
| S25 | 52 | S23 & S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 15:14 |
| S26 | 35900 | ((first near4 electro\$7 near4 layer\$1) with (second near4 electro\$7 near4 layer\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:37 |
| S27 | 194797 | (differen\$3 near4 color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:01 |
| S28 | 916280 | (phosphor\$7 fluores\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 15:19 |
| S29 | 4 | S16 & (S26 same S27 same S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:39 |
| S30 | 76651 | ((multi\$3 near3 color\$1) (multi\$1color\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:01 |
| S31 | 7 | S16 & (S26 same S30 same S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:38 |
| S32 | 3812 | (area near4 gradation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:21 |
| S33 | 1 | ((area near4 gradation) same (time near3 gradation) same (PWM (pulse near3 width near3 modulat\$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:23 |
| S34 | 62 | ((area near4 gradation) & (time near3 gradation) & (PWM (pulse near3 width near3 modulat\$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:23 |
| S35 | 10 | S16 & S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:53 |

EAST Search History

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| S36 | 9705 | (single near4 electro\$7 near4 layer\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:40 |
| S37 | 0 | S16 & (S36 same S30 same S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:38 |
| S38 | 0 | S16 & (S36 same S27 same S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:41 |
| S39 | 56408 | ((single one individual) near4 electro\$7 near4 layer\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:40 |
| S40 | 16 | S16 & (S39 same (S27 S30) same S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 16:42 |
| S41 | 2 | "7126285".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:35 |
| S42 | 14 | (phosphorescent & fluorescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:54 |
| S43 | 1 | S16 & S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:54 |
| S44 | 8255 | (phosphorescent & fluorescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:54 |
| S45 | 1764 | S16 & S44 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:55 |
| S46 | 6517 | (phosphorescent with fluorescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:56 |
| S47 | 1360 | S16 & S46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:56 |

EAST Search History

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| S48 | 227 | (phosphorescent with either with fluorescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:56 |
| S49 | 65 | S16 & S48 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:56 |
| S50 | 1734 | 345/76.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT. | OR | OFF | 2007/01/03 17:57 |
| S51 | 23 | S47 & S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 17:57 |
| S52 | 139 | ((fluores\$5 phos\$1phores\$5) with dopant with color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:36 |
| S53 | 80076 | "345"/\$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:35 |
| S54 | 3 | S52 & S53 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:35 |
| S55 | 699 | ((fluores\$5 phos\$1phores\$5) with dop\$4 with color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:36 |
| S56 | 14 | S53 & S55 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:41 |
| S57 | 2108 | ((((EL electro\$1lumines\$7) near4 layer) same ((red & blue) (red & green) (green & blue))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:44 |
| S58 | 232 | S53 & S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:43 |
| S59 | 2035 | ((((EL electro\$1lumines\$7) near4 layer) same ((two three) same color\$1 same (red & blue) (red & green) (green & blue))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:44 |

EAST Search History

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| S60 | 226 | S53 & S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:45 |
| S61 | 973 | ((single one "an") same (EL electro\$1lumines\$7) near4 layer) same ((red & blue) (red & green) (green & blue))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:49 |
| S62 | 962 | ((single one "an") same (EL electro\$1lumines\$7) near4 layer) same ((two three) same color\$1 same (red & blue) (red & green) (green & blue))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:44 |
| S63 | 145 | S53 & S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:46 |
| S64 | 145 | S53 & S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:50 |
| S65 | 498 | ((single one "an") same (organic near4(EL electro\$1lumines\$7)) near4 layer) same ((red & blue) (red & green) (green & blue))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:49 |
| S66 | 35 | S53 & S65 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:55 |
| S67 | 85 | ((organic near4 (EL electro\$1lumines\$7)) with (single one) with layer with (two three) with color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:01 |
| S68 | 5 | S53 & S67 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:59 |
| S69 | 60972 | "315"/\$!.cccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 11:59 |
| S70 | 3 | (S67 & S69) not S68 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:00 |
| S71 | 50 | ((organic near4 (EL electro\$1lumines\$7)) with (single one) with layer with ((two three) near6 color\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:13 |

EAST Search History

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| S72 | 46 | S71 not (S70 S68) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:02 |
| S73 | 0 | ((organic near4 (EL electro\$lumines\$7)) with (single one) with layer with dop\$4 with ((two three) near6 color\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:13 |
| S74 | 4 | ((organic near4 (EL electro\$lumines\$7)) with (single one) with layer with dop\$4 with (two three) with color\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 12:13 |
| S75 | 3908 | (345/76,691).ccls. (315/169.3). ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/04 13:48 |